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Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Prior Application Number	09/953,933 10/602,617
			Prior Appl. Filing Date	09/16/2001
Date Submitted: (use as many sheets as necessary)			First Named Inventor	Hui Chen
			Group Art Unit	Unassigned 1626
Sheet 1 of 8			Examiner Name	Unassigned E. Sackey
			Attorney Docket Number	038602-1585

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
E	A1	08/179570		HIRTH et al.		
	A2	3,313,771		DRESSLER et al.	04-11-1967	
	A3	5,217,999	A	LEVITZKI et al.	06-08-1993	
	A4	5,302,606	A	SPADA et al.	04-12-1994	
	A5	5,439,895	A	LEE et al.	08-08-1995	
	A6	5,656,643	A	SPADA et al.	08-12-1997	
	A7	5,700,823	A	HIRTH et al.	12-23-1997	
E	A8	5,712,395	A	APP et al.	07-27-1998	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
ES	A9	AU	31010/93	A	Barker	07-22-1993		
	A10	CA	2,069,857	A1	CIBA-GEIGY AG	12-01-1992		
	A11	CA	2,086,968	A1	ZENECA LIMITED	06-23-1998		
	A12	EP	0 520 722	A1	ZENECA LIMITED	12-27-1996		
	A13	EP	0 537 742	B1	MITSUBISHI CHEMICAL CORPORATION	08-21-1996		
	A14	EP	0 566 226	B1	ZENECA LIMITED	11-08-1995		
	A15	GB	1,191,306		KOPPERS COMPANY	05-13-1970		
ES	A16	GB	2,240,104	A	FARMATALIA CARLO ERBA S.r.l.	07-24-1991		

Examiner Signature	<i>E. Sackey</i>	Date Considered	6/7/05
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ES	A17	WO	92/02444	A1	THE DOW CHEMICAL COMPANY	02-20-1992		
	A18	WO	92/20642	A1	RHONEPOULENC RORER INTERNATIONAL, INC.	11-26-1992		
	A19	WO	92/21641	A1	PFIZER INC.	12-10-1992		
	A20	WO	94/24095	A1	ABBOTT LABORATORIES	10-27-1997		
	A21	WO	94/26260	A1	YISSUM-RESEARCH DEVELOPMENT COMPANY OF HEBREW UNIVERSITY OF JERUSALEM	11-24-1994		
ES	A22	WO	95/24190	A2	SUGEN, INC. et al.	09-14-1995		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
ES	A23	AARONSON, S., "Growth Factors and Cancer," <u>Science</u> 254:1146-1153 (1991)	
	A24	AFFLECK et al., <u>Proc. Annu. Meeting American Associate Cancer Research</u> 34:A2298 (1993)	
	A25	ANAFI et al., "Selective Interactions of Transforming and Normal abl Proteins with ATP, Tyrosine-Copolymer Substrates, and Tyrphostins," <u>J. Bio. Chem.</u> 267:4518-4523 (1992)	
	A26	ANDREWS et al. (American Veterinary Medicine Association Panel on Euthanasia), "1993 Report of the AVMA Panel on Euthanasia," <u>J. American Veterinary Medicine Association</u> 202(2):229-249 (1993)	
	A27	BASELGA et al., "Antitumor Effects of Doxorubicin in Combination With Anti-epidermal Growth Factor Receptor Monoclonal Antibodies," <u>J. of Natl. Cancer Institute</u> 85(16):1327-1333 (1993)	
ES	A28	BILDER et al., "Tyrophostins inhibit PDGF-induced DNA synthesis and associated early events in smooth muscle cells," <u>Am. J. Physiol.</u> 260 (Cell Physiol.29):C721-C730 (1991)	

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E	A29	BIRCHALL et al., "Compositions for killing internal parasites containing 3-terti-alkyl-4-hydroxy-5-halobenzylidene-malononitriles," <u>Chemical Abstracts</u> 88:535 (1978)	
	A30	BRYCKAERT et al., "Inhibition of Platelet-Derived Growth Factor-Induced Mitogenesis and Tyrosine Kinase Activity in Cultured Bone Marrow Fibroblasts by Tyrphostins," <u>Exp. Cell Research</u> 199:255-261 (1992)	
	A31	CARAGLIA et al., "Cytosine Arabinoside Increases the Binding of 125I-Labelled Eipdermal Growth Factor and 125I-Transferrin and Enhances the In Vitro Targeting of Human Tumour Cells With Anti- (Growth Factor Receptor) mAb," <u>Cancer Immunol Immunother</u> 37:150-156, (1993)	
	A32	CARBONI et al., "Cyanocarbon Chemistry. XI. Malononitrile Dimer," <u>J. Am. Chem. Soc.</u> 80:2838-2840 (1958)	
	A33	CARRAWAY and CANTLEY, "A Neu Acquaintance for ErbB3 and ErbB4: A Role for Receptor Hereodimerization in Growth Signaling," <u>Cell</u> 78:5-8 (1994)	
	A34	CARRAWAY et al., "The erbB3 Gene Product Is a Receptor for Heregulin," <u>J. Biol. Chem.</u> 269:14303-14306 (1994)	
	A35	DATI et al., "Inhibition of c-erbB-2 oncogene expression by estrogens in human breast cancer cells," <u>Oncogene</u> 5:1001-1006 (1990)	
	A36	DECKER and LOHMANN-MATTHES, "A Quick and Simple Method for the Quantitation of Lactate Dehydrogenase Release in Measurements of Cellular Cytotoxicity and Tumor Necrosis Factor (TNF) Activity," <u>J. Immunol. Methods</u> 115:61 (1988)	
	A37	DOUGALL et al., "The Neu-Oncogene: Signal Transduction Pathways, Transformation Mechanisms and Evolving Therapies," <u>Oncogene</u> 9:2109, (1994)	
	A38	FERRIS et al., "Synthesis of Zuinazoline Nucleosides from Ribose and Anthranilonitrile. Application of Phase-Transfer Catalysis in Nucleoside Synthesis," <u>J. Org. Chem.</u> 44(2):173-178 (1979)	
	A39	FLOEGE et al., "Factors involved in the regulation of mesangial cell proliferation in vitro and in vivo," <u>Kidney International</u> 43S:47-54 (1993)	
	A40	GAZIT et al., "Tyrphostins. 1. Synthesis and Biological Activity of Protein Tyrosine Kinase Inhibitors," <u>J. Med. Chem.</u> 32:2344-2352 (1989)	
E	A41	GAZIT et al., "Tyrphostins. 2. Heterocyclic and α -Substituted Benzylidenemalononitrile Tyrphostins as Potent Inhibitors of EGF Receptor and ErbB2/neu Tyrosine Kinases," <u>J. Med. Chem.</u> 34:1896-1907 (1991)	

Examiner Signature	<i>E. Sackey</i>	Date Considered	6/2/05
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		Prior Appl. Filing Date	09/18/2001
Date Submitted: (use as many sheets as necessary)		First Named Inventor	Hui Chen
		Group Art Unit	Unassigned <i>1626</i>
Sheet <i>4</i> of <i>8</i>		Examiner Name	Unassigned <i>E. Sackey</i>
		Attorney Docket Number	038602-1585

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
<i>ES</i>	A42	GAZIT et al., "Tyrophostins. 3. Structure-Activity Relationship Studies of a α -Substituted Benzylidenemalononitrile 5-S-Aryltyrophostins" <u>J. Med. Chem.</u> 36:3556-3564 (1993)	
	A43	GOTTARDIS et al., "Estradiol-Stimulated Growth of MCF-7 Tumors Implanted in Athymic Mice: A Model to Study the Tumorstatic Action of Tamoxifen," <u>J. Steroid Biochem.</u> 30(1-6):331-314 (1988)	
	A44	GRANTHAM, F.H., "Role of Hormones in the Growth and Regression of Human Breast Cancer Cells (MCF-7) Transplanted Into Athymic Nude Mice," <u>J. Natl. Cancer Instit.</u> 67:51-56, (1981)	
	A45	HALE et al., "Prognostic value of epidermal growth factor receptor expression in cervical carcinoma," <u>J. Clin. Pathol.</u> 46:149-153 (1993)	
	A46	HARRIS et al., "Breast Cancer (First of Three Parts)," <u>New England J. of Medicine</u> 327(5):319-328 (1992)	
	A47	HOEKSTRA et al., "Differential effects of steurosporine and tyrophostins on receptor tyrosine kinase autophosphorylation and peptide substrate phosphorylation," <u>Experimental Therapeutics</u> from 84 th Annual Meeting of American Association for Cancer Research, Vol. 34, #2455 (1993)	
	A48	HONEGGER et al., "Point Mutation at the ATP Binding Site of EGF Receptor Abolishes Protein-Tyrosine Kinase Activity and Alters Cellular Routing," <u>Cell</u> 5:199-209 (1987)	
	A49	HUDZIAK et al., "p185 ^{HER2} Monoclonal Antibody Has Antiproliferative Effects In Vitro and Sensitizes Human Breast Tumor Cells to Tumor Necrosis Factor," <u>Molecular and Cellular Biology</u> 9:1165-1172 (1989)	
	A50	ISSIDORIDES and HADDADIN, "Benzofurazan Oxide. II. Reactions with Enolate Anions," <u>J. Org. Chem.</u> 31:4067-4068 (1966)	
	A51	KARAMERIS et al., "Expression of Epidermal Growth Factor (EGF) and Epidermal Growth Factor Receptor (EGFR) in Gastric and Colorectal Carcinomas," <u>Path. Res. Pract.</u> 189:133-137, (1993)	
	A52	KAUR et al., "Tyrophostin induced growth inhibition: correlation with effect on p210 ^{bcr-abl} autokinase activity in K562 chronic myelogenous leukemia," <u>Anti-Cancer Drugs</u> , 1994, pp. 213-222, Vol. 5, © Rapid Communications of Oxford Ltd.	
	A53	KOENDERS et al., "Epidermal growth factor receptor and prognosis in human breast cancer: a prospective study," <u>Breast Cancer Research and Treatment</u> 25:21-27 (1993)	
<i>ES</i>	A54	KORZENIEWSKI and CALLEWAERT, "An Enzyme-Release Assay for Natural Cytotoxicity," <u>J. Immunol. Methods</u> 64:313 (1983)	

Examiner Signature: <i>E. Sackey</i>	Date Considered: <i>6/7/05</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: (use as many sheets as necessary)		Prior Application Number	99/953,933 10/602,617
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		First Named Inventor	Hui Chen
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ES	A55	LEE and SALEMNICK, "Purine N-Oxides, LXII. 2,4-Dioxypyrido[2,3-d]pyrimidine N-Oxides," <u>J. Org. Chem.</u> 40(24):3608-3610 (1975).	
	A56	LEVITZKI, A., "Tyrophostins - Potential Antiproliferative Agents and Novel Molecular Tools," <u>Biochem. Pharm.</u> 40(5):913-918 (1990)	
	A57	LEY and SENG, "Synthesen unter Verwendung von Benzofuroxan," <u>Synthesis</u> 1975:415-422 (1975)	
	A58	LOTTA, T. et al., <u>Journal of Computer-Aided Molecular Design</u> 6:253-272 (1992).	
	A59	LYALL et al., "Tyrophostins Inhibit Epidermal Growth Factor (EGF)-Receptor Tyrosine Kinase Activity in Living Cells and EGF-stimulated Cell Proliferation," <u>J. Bio. Chem.</u> 264:14503-14509 (1989)	
	A60	MARSHALL, E., "Search for a Killer: Focus Shifts from Fat to Hormones," <u>Science</u> 259:618-621 (1993)	
	A61	MITUS and ROSENTHAL, "Ch. 30 - Adult Leukemias," <u>Textbook of Clinical Oncology</u> , Holleb, Fink and Murphy eds., pp. 410-432.	
	A62	MOSMANN, "Rapid Colorimetric Assay for Cellular Growth and Survival: Application to Proliferation and Cytotoxicity Assay," <u>J. Immunol. Methods</u> 65:55-63 (1983)	
	A63	OHMACHI et al., "The Tyrosine Kinase Inhibitor Tyrophostin Blocks the Cellular Actions of Nerve Growth Factor," <u>Biochemistry</u> 32:4650-4658 (1993)	
	A64	O'ROURKE and KALTER, "Ch. 28-Leukemia," <u>Clinical Oncology</u> , Weiss et al. eds. Norwalk Conn.	
	A65	OSBORNE et al., "Effect of Estrogens and Antiestrogens on Growth of Human Breast Cancer Cells in Athymic Nude Mice," <u>Cancer Research</u> 45:584-590 (1985)	
	A66	OSHEROV et al., "Selective Inhibition of the EGF and Neu receptors by Tyrophostins," <u>J. Cell Biochem.</u> S17A:237 (1993)	
	A67	OSHEROV et al., "Selective Inhibition of the Epidermal Growth Factor and HER2/Neu Receptors by Tyrophostins," <u>J. Bio. Chem.</u> 268:11134-11142 (1993)	
	A68	OZZELLO, I. and SORDAT, M., "Behavior of Tumors Produced by Transplantation of Human Mammary Cell Lines in Athymic Nude Mice," <u>Eur. J. Cancer</u> 16:553-559 (1980)	
ES	A69	PAWSON and SCHLESSINGER, "SH2 and SH3 domains," <u>Current Biology</u> 3(7):434-441 (1993)	

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ES	A70	PETERSON and BARNES, "Genistein and Biochanin A Inhibit the Growth of Human Prostate Cancer Cells but not Epidermal Growth Factor Receptor Tyrosine Autophosphorylation," <u>The Prostate</u> 22:335-345 (1993)	
	A71	PIGOTT et al., "Expression of epidermal growth factor receptor in human glioblastoma multiforme," <u>Brit. J. of Neurosurgery</u> 7:261-265 (1993)	
	A72	PLOWMAN et al., "Heregulin induces tyrosine phosphorylation of HER4/p180 ^{erbB4} ," <u>Nature</u> 366:473-475 (1993)	
	A73	PUJ and RIVERA, "Ch. 31 - Childhood Leukemias," <u>Textbook of Clinical Oncology</u> , Holleb, Fink and Murphy eds., pp. 433-452	
	A74	REDDY et al., "Inhibition of Breast Cancer Cell Growth in Vitro by a Tyrosine Kinase Inhibitor," <u>Cancer Research</u> 52:3636-3641 (1992)	
	A75	RENDU et al., "Inhibition of Platelet Activation by Tyrosine Kinase Inhibitors," <u>Biochem. Pharm.</u> 44(5):881-888 (1992)	
	A76	RUBENS, "Improving Treatment for Advanced Breast Cancer," <u>Cancer Surveys</u> 18:199-209 (1993)	
	A77	RUSCH et al., "Differential Expression of the Epidermal Growth-Factor Receptor and Its Ligands in Primary Non-Small Cell Lung Cancers and Adjacent Benign Lung," <u>Cancer Research</u> 53:2379-2385 (1993)	
	A78	RYGAARD, J. and POVLSEN, C.O., "Heterotransplantation of a Human Malignant Tumour to "Nude" Mice," <u>Acta Pathol. Microbial. Scand.</u> 77:758-760 (1969)	
	A79	SAMANTA, "Ligand and p185 ^{C-neu} density govern receptor interactions and tyrosine kinase activation," <u>Proc. Natl. Acad. Sci. USA</u> 91:1711-1715 (1994)	
	A80	SAMMES, et al., "α-Cyano-Sulphonyl Chlorides: Their Preparation and reactions with Amines, Alcohols, and Enamines," <u>J. Chem. Soc. (C)</u> , 2151 (1971)	
	A81	SARUP, "Characterization of an Anti-p185 ^{HER2} Monoclonal Antibody that Stimulates Receptor Function and Inhibits Tumor Cell Growth," <u>Growth Regulation</u> 1:72-82 (1991)	
	A82	SCHLESSINGER, "Signal Transduction by Allosteric Receptor Oligomerization," <u>J. Trends Biochem. Sci.</u> 13:443-447, (1988)	
ES	A83	SCHLESSINGER, J. and ULLRICH, A., "Growth Factor Signaling by Receptor Tyrosine Kinases," <u>Neuron</u> 9(3):383-391, (1992)	

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E	A84	SCHORNAGEL et al., "Synthesis and Evaluation of 2,4-Diaminoquinazoline Antifolates with Activity Against Methotrexate-Resistant Human Tumor Cells," <u>Biochem. Pharm.</u> 33(20):3251-3255 (1984)	
	A85	SCOTT et al., "p185 ^{HER2} Signal Transduction in Breast Cancer Cells," <u>J. Bio. Chem.</u> 266(22):14300-14305 (1991)	
	A86	SEIBERT et al., "Clonal Variation of MCF-7 Breast Cancer Cells in Vitro and in Athymic Nude Mice," <u>Cancer Research</u> 43:2223-2239 (1983)	
	A87	SHAFIE and GRANTHAM, "Role of Hormones in Growth and Regression of Human Breast Cancer Cells (MCF-7) Transplanted into Athymic Nude Mice," <u>J. Natl Cancer Institute</u> 67(1):51-56 (1981)	
	A88	SHEPARD, "Monoclonal Antibody Therapy of Human Cancer: taking the HER2 Protooncogene to the Clinic," <u>Journal of Clinical Immunology</u> 11:117-126 (1991)	
	A89	SKEHAN et al., "New Colorimetric Cytotoxicity Assay for Anticancer-Drug Screening," <u>J. Natl. Cancer Inst.</u> 82:1107-1112 (1990)	
	A90	SLAMON et al., "Human Breast Cancer: Correlation of Relapse and Survival with Amplification of the HER-2/neu Oncogene," <u>Science</u> 235:177-185 (1987)	
	A91	SLIWKOWSKI et al., "Coexpression of erbB2 and erbB3 Proteins Reconstitutes a High Affinity Receptor for Heregulin," <u>J. Biol. Chem.</u> 269:14661-14665 (1994)	
	A92	STEIN et al., "The SH2 domain protein GRB-7 is co-amplified, overexpressed and in a tight complex with HER2 in breast cancer," <u>EMBO Journal</u> 13(6):1331-1340 (1994)	
	A93	ULLRICH and SCHLESSINGER, "Signal Transduction by Receptors with Tyrosine Kinase Activity," <u>Cell</u> 61:203, (1990)	
	A94	WADA et al., "Anti-receptor Antibodies Reverse the Phenotype of Cells Transformed by Two Interacting Proto-Oncogene Encoded Receptor Proteins," <u>Oncogene</u> 5:489-495, (1990)	
	A95	WADA et al., "Intermolecular Association of the p185neu Protein and EGF Receptor Modulates EGF Receptor Function," <u>Cell</u> 61:1339, (1990)	
E	A96	WARRI, A.M., et al., "Estrogen Suppression of erbB2 Expression is Associated with Increased Growth Rate of ZR-75-1 Human Breast Cancer Cells In Vitro and in Nude Mice," <u>Int. J. Cancer</u> , 49:616-623, (1991)	

Examiner Signature	<i>E. Sackley</i>	Date Considered	6/7/05
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Prior Application Number	09/953,933
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Prior Appl. Filing Date	09/18/2001
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First Name of Inventor	Hui Chen
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Group Art Unit	Unassigned
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Examiner Name	Unassigned
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Attorney Docket Number	038602-1585
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature

Broschbacher

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